

02-15-02

A

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No: 28944/38252

PATENT APPLICATION TRANSMITTAL UNDER 37 C.F.R. 1.53

Box Patent Application
 Commissioner for Patents
 Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Antoine Berthet, Raphaël Visoz

Title: **Method and System of Iterative Coding/Decoding of Digital Data Streams Coded
 By Spatio-Temporal Combinations, In Multiple Transmission and Reception**

1. Type of Application

- ☒ This is a new application for a
- ☒ utility patent.
- ☐ design patent.
- ☐ This is a continuation-in-part application of prior application no.

2. Application Papers Enclosed

- 2 Title Pages
- 57 Pages of Specification (excluding Claims, Abstract, Drawings & Sequence Listing)
- 9 Page(s) of Claims
- 1 Page(s) of Abstract
- 7 Sheet(s) of Drawings (Figs. 1a to 5c)
- ☒ Formal
- ☐ Informal
- n/a Page(s) of Sequence Listing

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Patent Application Transmittal and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on **February 14, 2002**, in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. ET924102352US.

Richard Zimmermann
 Richard Zimmermann

j1017 U.S. PTO
 10/075721
 02/14/02

JC987 U.S. PTO
 02/14/02

10075721.021402

3. Declaration or Oath

- ☐ Enclosed
- ☐ Executed by (check all applicable boxes)
- ☐ Inventor(s)
- ☐ Legal representative of inventor(s)
(37 CFR 1.42 or 1.43)
- ☐ Joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached
- ☐ The petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 are enclosed. See Item 5D below for fee.
- ☒ Not enclosed - the undersigned attorney or agent is authorized to file this application on behalf of the applicant(s). An executed declaration will follow.

4. Small Entity Status

- ☐ Applicant claims small entity status. See 37 CFR 1.27.
- ☐ A small entity statement is(are) attached.

5. Additional Papers Enclosed

- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement
- ☐ Declaration of Biological Deposit
- ☐ Computer readable copy of sequence listing containing nucleotide and/or amino acid sequence
- ☐ Microfiche computer program
- ☐ Associate Power of Attorney
- ☐ Verified translation of a non-English patent application
- ☐ An assignment of the invention
- ☐ Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i)
- ☒ Return receipt postcard
- ☐ Other

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6. **Priority Applications Under 35 USC 119**

Certified copies of applications from which priority under 35 USC 119 is claimed are listed below and

☒ are attached.

☐ will follow.

COUNTRY	APPLICATION NO.	FILED
FRANCE	0102343	21 February 2001

7. **Filing Fee Calculation (37 CFR 1.16)**

A. ☒ **Utility Application**

CLAIMS AS FILED - INCLUDING PRELIMINARY AMENDMENT (IF ANY)						
			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$370.00		\$740.00
TOTAL	12 -20	= 0	X 9 =	\$	X 18 =	\$0.00
INDEP.	4 - 3	= 1	X 42 =	\$	X 84 =	\$84.00
<input type="checkbox"/> First Presentation of Multiple Dependent Claim			+ 140 =	\$	+ 280 =	\$0.00
Filing Fee:				\$	OR	\$824.00

B. ☐ **Design Application (\$165.00/\$330.00)** Filing Fee: \$ _____

C. ☐ **Plant Application (\$255.00/\$510.00)** Filing Fee: \$ _____

D. **Other Fees**

☐ Recording Assignment [Fee -- \$40.00 per assignment] \$ _____

☐ Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached [Fee -- \$130.00] \$ _____

☐ Other \$ _____

Total Fees Enclosed \$824.00

8. Method of Payment of Fees

- ☒ Enclosed check in the amount of: \$824.00
- ☐ Charge Deposit Account No. 13-2855 in the amount of: \$ _____
A copy of this Transmittal is enclosed.
- ☐ Not enclosed

9. Deposit Account and Refund Authorization

The Commissioner is hereby authorized to charge any deficiency in the amount enclosed or any additional fees which may be required during the pendency of this application under 37 CFR 1.16 or 37 CFR 1.17 or under other applicable rules (except payment of issue fees), to Deposit Account No. 13-2855. A copy of this Transmittal is enclosed.

Please refund any overpayment to Marshall, Gerstein & Borun at the address below.

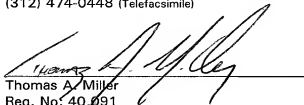
10. Correspondence Address

Customer No.: 04743

Respectfully submitted,

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By:


Thomas A. Miller
Reg. No: 40,091

February 14, 2002

New Patent Application for:

Berthet, *et al.*

For:

**Method of Iterative Coding/Decoding of
Digital Data Streams Coded By Spatio-
Temporal Combinations, In Multiple
Transmission and Reception**

Mailing Certification for:

Patent Application

Attorney Docket No:

28944/38252

"EXPRESS MAIL" mailing label No.

ET924102352US

Date of Deposit:

February 14, 2002

I hereby certify that this paper (or fee) is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C., 20231.


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